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Substitute for form 1449A/PTO (Modified)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete if Known</b>	
			Application Number	10/672,280
			Filing Date	September 26, 2003
			First Named Inventor	Lazar et al.
			Art Unit	1644 / Conf No. 8317
			Examiner Name	DAHLE, Chun Wu
Sheet	1	3	Attorney Docket Number	067461-5121-US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	US-2003/0073164 A1	4-17-2003	Simmons et al.	
	A2	US-2007/0148164	06-2007	Farrington et al.	
	A3	US-5,530,101	06-1996	Queen et al.	
	A4	US-6,992,234 B2	01-31-2006	Roopenian	
	A5	US-6,284,536 B1	09-04-2001	Morrison et al.	
	A6	US-2007/0238665	10-2007	Lazar et al.	
	A7	US-2007/0224192	09-2007	Lazar et al.	
	A8	US-2008/0206867	08-2008	Desjarlais et al.	
	A9	US-2004/0093621	05-2004	Shikara et al.	
	A10	US-2004/0132101	7-2004	Lazar et al.	
	A11	US-2008/0071063	03-2008	Allan et al.	
	A12	US-2007/0087005	04-2007	Lazar et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>2</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	B1	WO99/54484A1	10-28-1999	The Regents of the University of California		
	B2	WO02/066514 A	08-29-2002	Merck		
	B3	WO02/079732 A2	10-10-2002	Lexigen Pharm Corp.		
	B4	WO04/063963 A	07-29-04	Xencor, Inc.		
	B5	WO04/099249 A	11-18-2004	Xencor, Inc.		

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
	C1	BASTIDA-CORCUERA, et al., "Differential complement activation by bovine IgG2 allotypes" Veterinary Immunology and Immunopathology, 1999, Vol. 71 No. 2, 115-123	
	C2	BURTON, ET AL. "Immunoglobulin G: Functional sites", <i>Molecular Immunology</i> , vol. 22, no. 3, (March 1985)	
	C3	CHAN, et al. "Variable Region Domain Exchange in Human IgGs promotes antibody complex formation with accompanying structural changes and altered effector functions" <i>Molecular Immunology</i> 2004, 21:527-538	
	C4	CHIRINO, A.J. et al. "Minimizing the immunogenicity of protein therapeutics", <i>Drug Discovery Today</i> , 2004, Vol. 9, no. 2, pps. 82-90	
	C5	COLE, M.S., et al., "HUM291, a Humanized Anti-CD3 Antibody, is immunosuppressive to T cells while exhibiting reduced mitogenicity in vitro", <i>Transplantation</i> , Vol. 68, no. 4, pp. 563-571 (1999)	
	C6	DAHIYAT, B. I. et al. "Protein Design Automation", <i>Protein Science</i> , 1996, vol. 5, no. 5, ps. 895-903	
	C7	DALL'ACQUA, W. et al. "Modulation of the Effector Functions of a Human IgG1 through Engineering of Its Hinge Region", 2006, <i>J. Immunology</i> , 177:1129-1138.	
	C8	KABAT et al., NIH Pub. No. 91-3242, p. 679-687 (1991)	
	C9	KATO, K. et al., "Analysis of IgG-FcγγR interactions in solution: Mapping of the FcγγR binding site and evidence for a conformational change occurring in the Fc region", <i>Immunology Letters</i> , Vol. 73, no. 2-3 (2000)	
	C10	Lazar, et al. "Engineered antibody Fc variants with enhanced effector function" PNAS, 2006, 4005-4010	
	C11	MORRISON, et al. "Variable Region Domain Exchange Influences the Functional Properties of IgG" <i>The Journal of Immunology</i> 1998, 160:2802-2808	
	C12	NATSUME, A. et al. "Engineered Antibodies of IgG1/IgG3 Mixed Isotype with Enhanced Cytotoxic Activities", 2008, <i>Cancer Research</i> , 68(10) pp. 3863-3871.	
	C13	PENDLEY C. et al., "Immunogenicity of therapeutic monoclonal antibodies", <i>Current Opinion in Molecular Therapeutics</i> , 2003, vol. 5, no. 2, pps. 172-179	
	C14	SHITARA ET AL. "A new vector for the high level expression of chimeric antibodies in myeloma cells" <i>J. of Immunological Methods</i> , 1994, 167: 271-278	

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	C15	TAMM, A. et al., "IgG Binding Sites on Human Fcγ Receptors" 1997, <i>International Reviews of Immunology</i> , 16:1,57-85	
	C16	VALERIUS, T. et al., "FcαRI (CD89) as a Novel Trigger Molecule for Bispecific Antibody Therapy" <i>Blood</i> , 1997, 90:4485-4492	
	C17	VITETTA, E., et al., "Considering Therapeutic Antibodies", <i>Science</i> , 2006, Vol. 313, pp. 308-309	
	C18	WHO Review of the notation for the allotypic and related markers of human immunoglobulins. <i>J Immunogen</i> 1976, 3:357-362;	
	C19	WHO Review of the notation for the allotypic and related markers of human immunoglobulins. 1976, <i>Eur. J. Immunol.</i> 6, 599-607;	
	C20	WOOF, J.M. et al. "Localisation of the Monocyte-Binding Region on Human Immunoglobulin G" <i>Molecular Immunology</i> , 1986, Vol. 23, No. 3, pp. 319-330	

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Examiner Signature	/Chun Dahle/ (05/24/2010)	Date Considered	
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